

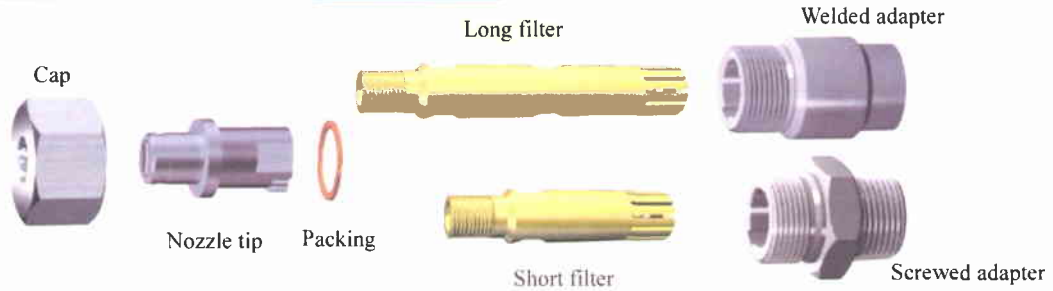
TYPE Maximum working pressure 25MPa
NEW
DNX-type Patent
 Powerful impact force type short/long filter
 Racetrack shaped nozzle case

Honored with a Prize from Director of Agency for Natural Resources and Energy
 Honored together with JFE Steel Corp.



- Improved steepness is achieved in the widthwise distribution curve of the impact force.
- Compared with conventional models, DNX model delivers three times or more strong impact force on aluminum specimens, and achieves the similar level of descaling performance at the reduced water flow rate.
- Adapters and caps designed for DNH, DNR and DNB are usable for DNX as they are.

Components



Name	Parts number	Material	Weight (g)
Cap	01C00	AISI 303 (JIS SUS 303)	150
Nozzle tip	DNX●●●● ※1	Tungsten carbide+AISI 303 (JIS SUS 303)	115
Packing	01P00	Copper (JIS C1201P-1/4H)	4
Short filter	01F01	Brass (JIS C3604BD)	120
Long filter	01F04	Brass (JIS C3604BD)	215
Welded adapter	01A00 ※2	AISI 304 (JIS SUS 304)	255
Screwed adapter	01A01 ※2※3	AISI 304 (JIS SUS 304)	215

Please note when ordering.

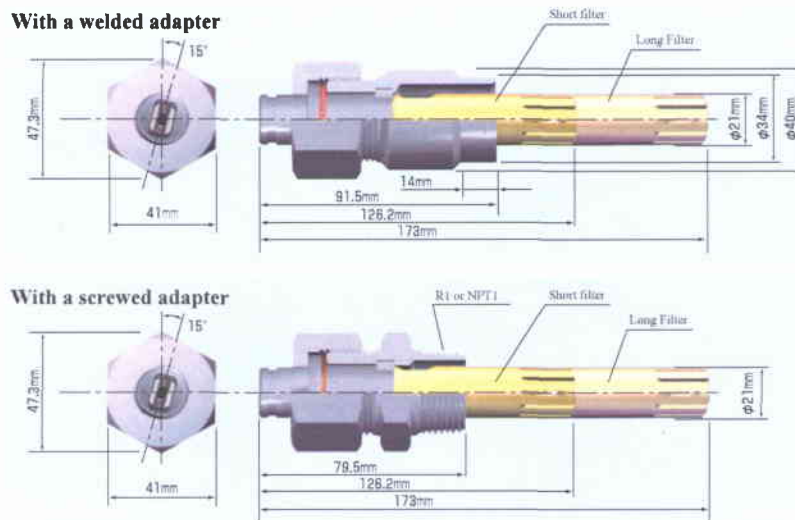
※1 For the tip model number, refer to the table of nozzle tip model numbers on page 16.

DNX●●●●
Model number

※2 For the adapter material, SUS403 and SUS316 are also available at your request.

※3 There are R1 and NPT1 set screws for a screwed adapter. Specify which is required.

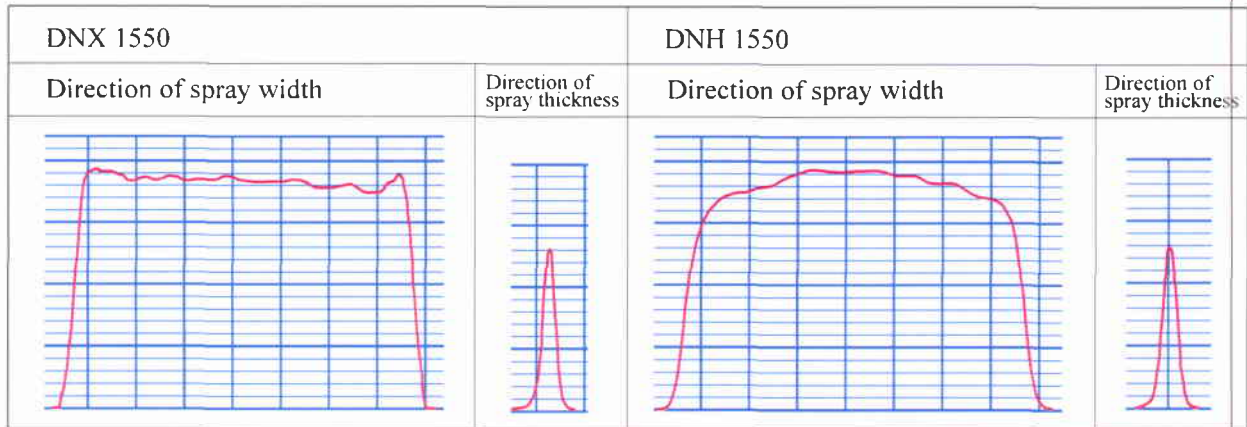
Shapes & Dimensions



Descaling nozzles
 DNX

DNX Model performance data

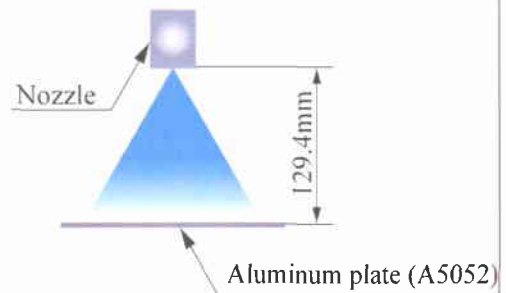
■ Impact force distribution graph



■ Erosion test on aluminum plate

【Test Conditions】

Water Pressure : 15 MPa
 Spray Distance : 129.4 mm
 Spray Time : 1800 sec.



The result of erosion test on aluminum plate (A5052)

